Understanding the Current **COVID-19 Vaccines**

COVID19 CORONAVIRUS DISEASE

As advancements continue in developing vaccines to fight the COVID-19 virus, let's look at the similarities and differences between the vaccines developed by Pfizer, Moderna and Johnson & Johnson.

REMEMBER:

- Like all vaccines, before being authorized for emergency use, medical researchers tested the safety and effectiveness of the COVID-19 vaccines
- Researchers have studied the technologies used to develop these vaccines for many years
- None of the vaccines contain a live virus; there is no risk of COVID-19 infection

Moderna Vaccine

- Two doses, **4 weeks or 28 days apart**
  - Like other multi-dose vaccines that have been in use for years, i.e., DPT, HPV and Hepatitis B.
- Ages 18 and older
- 94.5% effective

Pfizer Vaccine

- Two doses, **3 weeks or 21 days apart**
  - Like other multi-dose vaccines that have been in use for years, such as, i.e., DPT, HPV and Hepatitis B.
- Ages 16 and older
- 95% effective

Johnson & Johnson Vaccine

- Single-dose
  - Uses a modified version of a common cold virus to deliver spike protein to cells. The common cold virus cannot replicate and make people sick.
- Ages 18 and older
- 72% effective in preventing mild and moderate COVID-19 infections. 85% effective in preventing severe disease. 100% effective in preventing hospitalizations and deaths

The overwhelming majority of side effects are mild to moderate symptoms. These symptoms generally last no more than 24 hours. These symptoms include:

- Fever
- Chills
- Pain/swelling at the site of the injection
- Tiredness
- Headache

Sources

FDA. Pfizer-BioNTech COVID-19 Vaccine | FDA. Moderna COVID-19 Vaccine | FDA. Janssen COVID-19 Vaccine